

AMENDMENTS TO THE SPECIFICATION

In the Specification

Please substitute the following amended paragraph(s) and/or section(s) (deleted matter is shown by strikethrough and added matter is shown by underlining):

Page 1, line 2, please add the following header:

Background of the Invention

Page 2, line 9, please add the following header:

Summary of the Invention

Page 17, line 10, please add the following header:

Description of the Figures

Page 17, line 21, please add the following header:

Detailed Description of Preferred Embodiment

In the Abstract

Please substitute the following amended Abstract for the Abstract as currently pending (deleted matter is shown by strikethrough and added matter is shown by underlining):

An aircraft is decelerated by applying a braking force to a wheel of the aircraft as it moves along the ground. An anti skid controller calculates the braking force to be applied by taking into account data (~~boxes 11a, 12a~~) relating to the vertical load transmitted between the ground and the wheel and data (~~boxes 11d, 11e, and 12d~~) relating to the slip between the ground and the wheel. Predictions (box 13b) made regarding how the vertical load will change and data (box 13a) concerning the relationship between slip and the ground to wheel friction coefficient

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are both taken into account when calculating (boxes 13b, 14) the braking force to be applied. Skids may thereby be predicted in advance and may be reduced or even avoided.